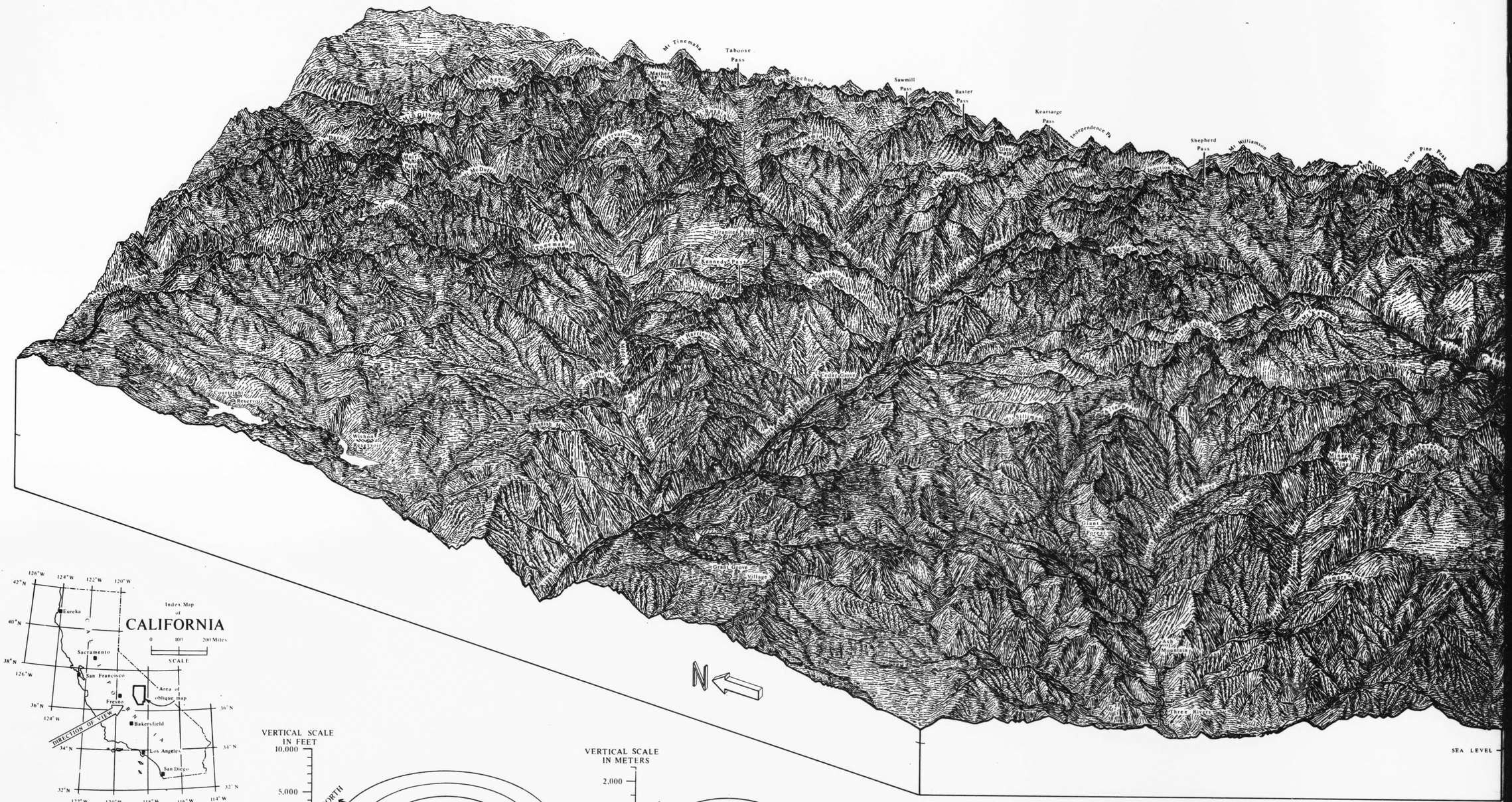
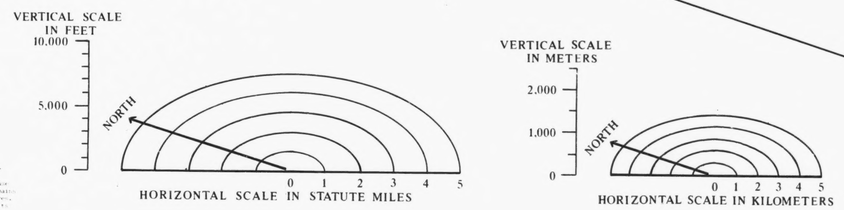
Department of the Interior
United States Geological Survey



HOW TO MEASURE HORIZONTAL DISTANCES ON THIS OBLIQUE MAP

On a planimetric map, the scale is the same in all directions and orientations, and the user can measure the distance between two points by comparing the map distance with the bar scale. On an oblique map, because the front-to-back scale is foreshortened and the left-to-right scale remains constant, an elliptical scale must be used to measure horizontal distances. To use it, place a scaling instrument on the map, note the number of units between the two points of interest, and then move it to the zero point on the elliptical scale, keeping the instrument parallel to its original alignment on the two map points. Read the distance, from the elliptical scale, estimating as necessary.



SCALE
VERTICAL EXAGGERATION 2 : 1

OBLIQUE MAP OF

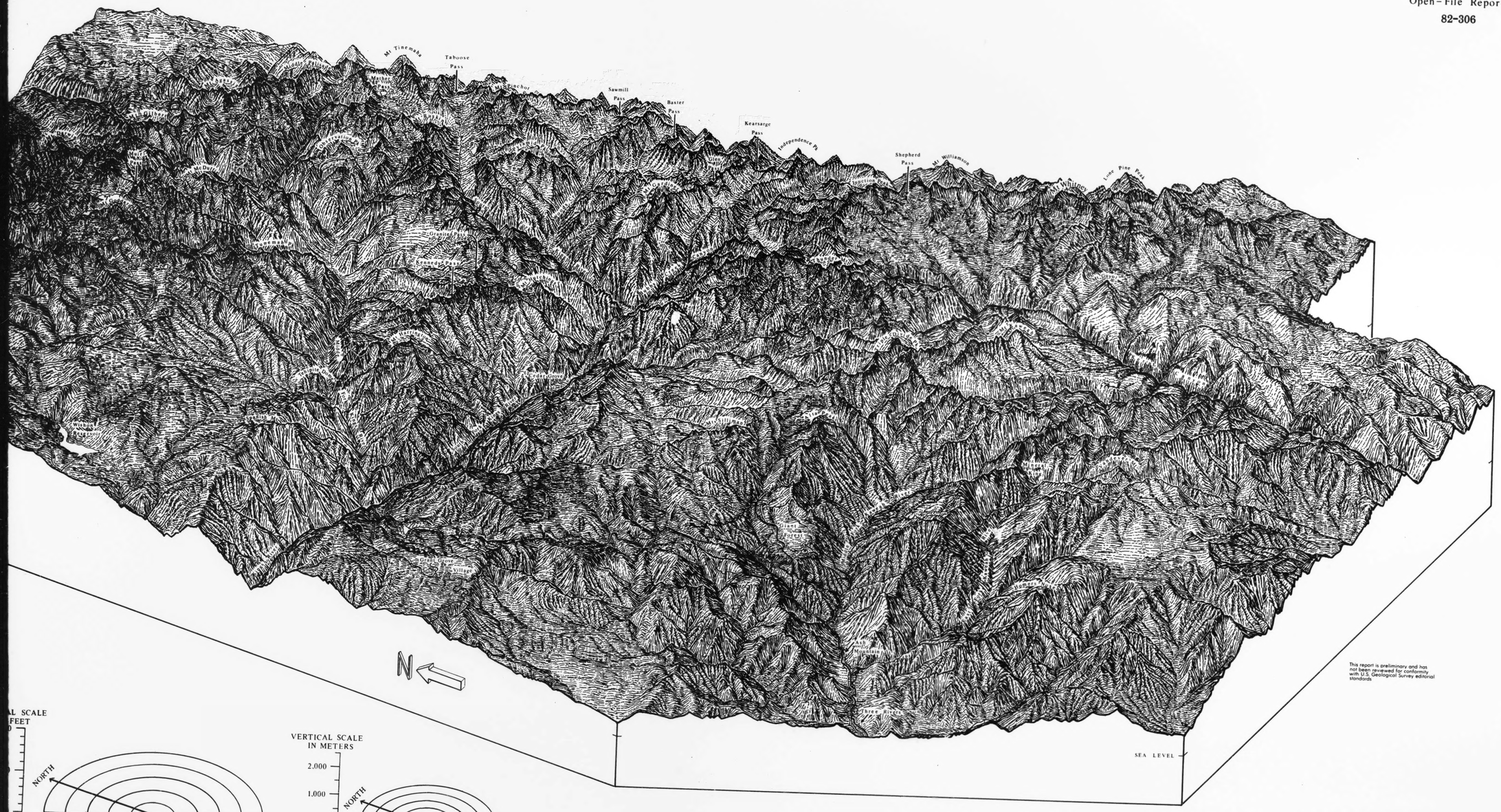
SEQUOIA AND KINGS CANYON NATIONAL PARKS, FRESNO AND TULARE COUNTIES, CALIFORNIA

By

Tau Rho Alpha

1982

Open-File Report
82-306



VERTICAL SCALE IN METERS
2,000
1,000
0
NORTH
0 1 2 3 4 5
HORIZONTAL SCALE IN KILOMETERS

NORTH
0 1 2 3 4 5
HORIZONTAL SCALE IN STATUTE MILES

SCALE
VERTICAL EXAGGERATION 2 : 1

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards

OBLIQUE MAP OF

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